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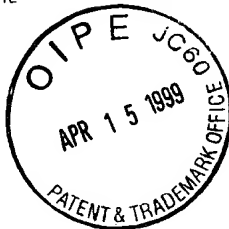
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April 15, 1999

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APR 16 1999

Assistant Commissioner for Patents  
Washington, D.C. 20231

GROUP 180r

Re: U.S. Utility Patent Application  
Appl. No. 09/177,387; Filed: October 23, 1998  
For: **Recombinational Cloning Using Nucleic Acids Having Recombination Sites**  
Inventors: HARTLEY *et al.*  
Our Ref: 0942.2850004/RWE/BJD

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Reply To Restriction Requirement;
2. Preliminary Amendment and Submission of Substitute Sequence Listing;
3. A paper copy of the Substitute Sequence listing (pages 1-19);
4. A computer readable disk copy of the Substitute Sequence listing;
5. Information Disclosure Statement (*in duplicate*);
6. A list of the cited references on Form PTO-1449 (23 pages);
7. Copies of the seventy-nine (79) cited references;
8. Return post card.

In accordance with 37 C.F.R. § 1.825(a), the substitute sequence listing submitted herewith contains no new matter. In accordance with 37 C.F.R. § 1.825(b), the paper copy of the substitute sequence listing and the computer readable copy of the substitute sequence listing submitted herewith in the above application are the same.

Assistant Commissioner for Patents

April 15, 1999

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It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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RWE/BJD/dmb  
Enclosures